

## CLAIMS

1. An optical recording medium-producing sheet, comprising a curable layer that has a specific heat capacity after curing of not more than  $1.9 \text{ J/g} \cdot ^\circ\text{C}$  at  $80^\circ\text{C}$ , as a layer to be adjacent to an information recording layer in a writable optical recording medium.

2. The optical recording medium-producing sheet according to claim 1, wherein said curable layer has a thermal conductivity after curing of at least  $0.19 \text{ W/m} \cdot \text{K}$  at  $80^\circ\text{C}$ .

3. The optical recording medium-producing sheet according to claim 1, wherein said information recording layer is a layer made of an inorganic material or a laminate of the layers.

4. The optical recording medium-producing sheet according to any of claims 1, wherein said information recording layer is a laminate of a reflecting layer, a dielectric layer, a phase change layer and a dielectric layer.

5. The optical recording medium-producing sheet according to any of claims 1, wherein said curable layer is formed on a protective layer.

6. The optical recording medium-producing sheet according to any of claims 1, wherein said curable layer is a stamper-receiving layer.

7. The optical recording medium-producing sheet according to any of claims 1, wherein said curable layer has a storage elastic modulus before curing of from  $10^3$  to  $10^6 \text{ Pa}$ , and has a storage elastic

modulus after curing of at least  $10^6$  Pa.

8. The optical recording medium-producing sheet according to any of claims 1, wherein said curable layer has an energy ray-curable material as a principal component thereof.

9. The optical recording medium-producing sheet according to claim 8, wherein said energy ray-curable material is an acrylic ester copolymer having energy ray-curable groups on side chains thereof.

10. The optical recording medium-producing sheet according to claim 9, wherein an average of side chain introduction rate of said energy ray-curable groups is from 0.1 to 20 mol%.

11. The optical recording medium-producing sheet according to claim 9, wherein said energy ray-curable groups are unsaturated groups, and said acrylic ester copolymer has a weight-average molecular weight of at least 100,000.

12. The optical recording medium-producing sheet according to claim 8, wherein said energy ray-curable material is a mixture of an acrylic ester copolymer having energy ray-curable groups on side chains thereof, and an energy ray-curable polyfunctional monomer and/or oligomer.

13. A writable optical recording medium produced using the optical recording medium-producing sheet according to any of claims 1 through 12.

14. A writable optical recording medium, comprising:  
an information recording layer; and  
a layer adjacent to said information recording layer having

a specific heat capacity of not more than  $1.9 \text{ J/g}\cdot^{\circ}\text{C}$  at  $80^{\circ}\text{C}$ .

15. The writable optical recording medium according to claim 14, wherein said layer adjacent to said information recording layer has a thermal conductivity of at least  $0.19 \text{ W/m}\cdot\text{K}$  at  $80^{\circ}\text{C}$ .

16. The writable optical recording medium according to claim 14, further comprising a protective layer, wherein said layer adjacent to said information recording layer is an adhesive layer that bonds said information recording layer and said protective layer together.

17. The writable optical recording medium according to claim 14, wherein said layer adjacent to said information recording layer is a stamper-receiving layer, and said information recording layer is formed on at least one side of said stamper-receiving layer.

18. The writable optical recording medium according to any of claims 14, wherein said information recording layer is a layer made of an inorganic material or a laminate of such layers.

19. The writable optical recording medium according to any of claims 14, wherein said information recording layer is a laminate of a reflecting layer, a dielectric layer, a phase change layer and a dielectric layer.